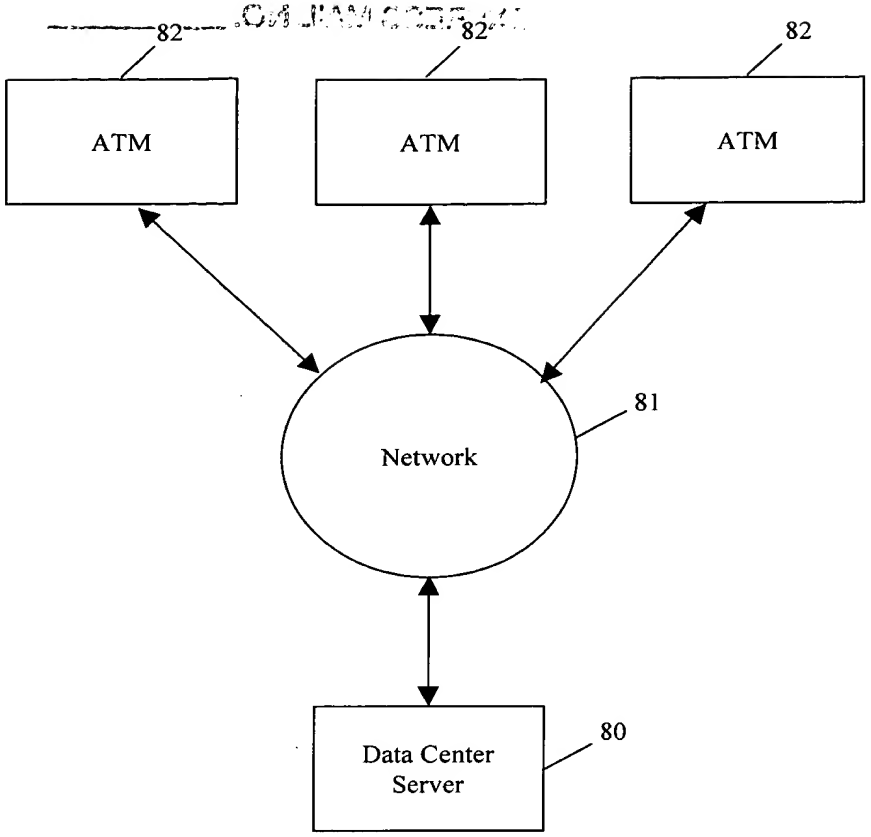
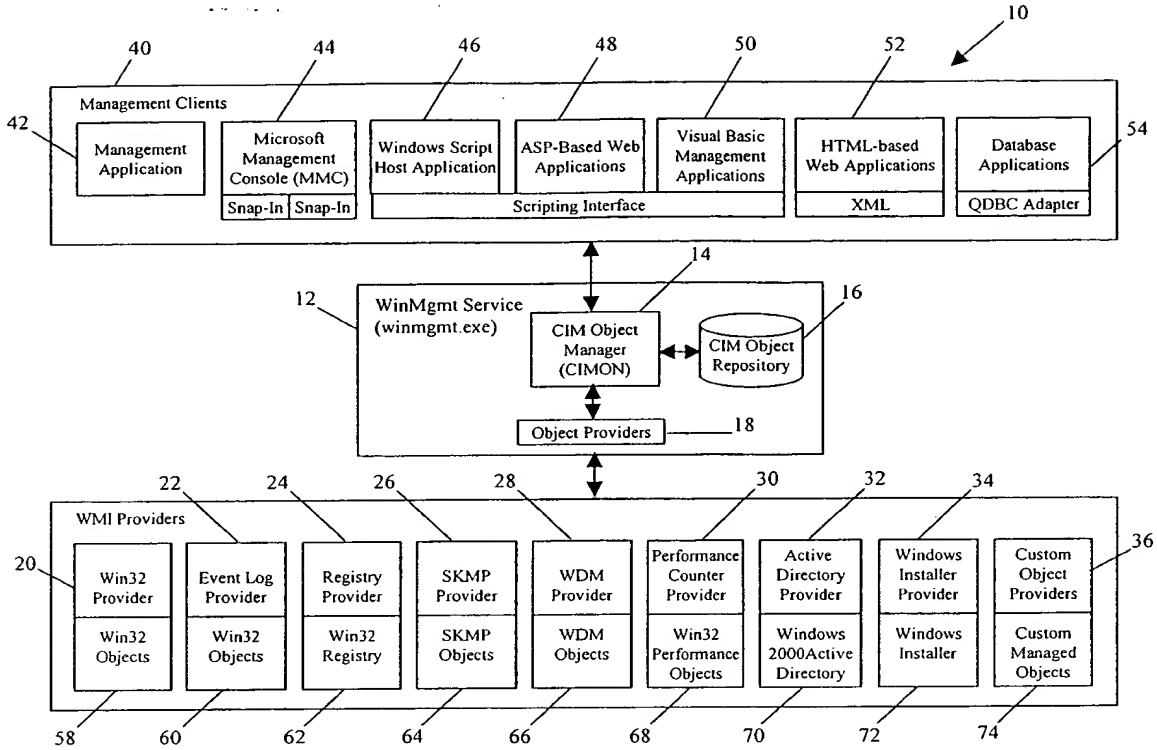


FIG. 1


10
40
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50
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Management Clients
42
Management Application
Microsoft Management Console (MMC)
Snap-In
Snap-In
Windows Script Host Application
ASP-Based Web Applications
Visual Basic Management Applications
HTML-based Web Applications
Database Applications
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QDBC Adapter
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WinMgmt Service (winmgmt.exe)
CIM Object Manager (CIMON)
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CIM Object Repository
Object Providers
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WMI Providers
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Win32 Objects
Event Log Provider
Win32 Objects
Registry Provider
Win32 Registry
SKMP Provider
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WDM Provider
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Performance Counter Provider
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Windows 2000Active Directory
Windows Installer Provider
Windows Installer
Custom Object Providers
Custom Managed Objects
36
58
60
62
64
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68
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FIG. 2

T00290 "4958860

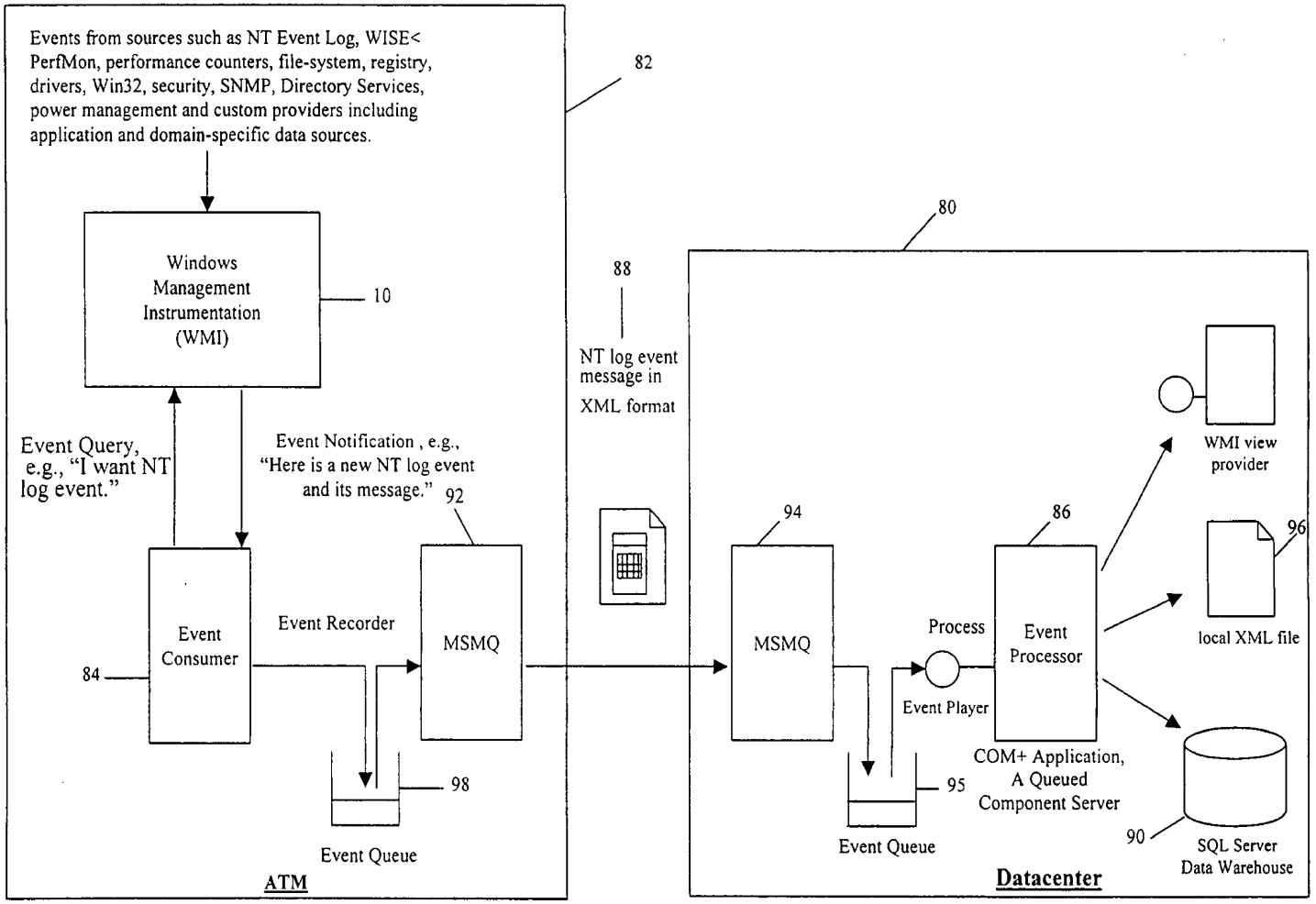


FIG. 3

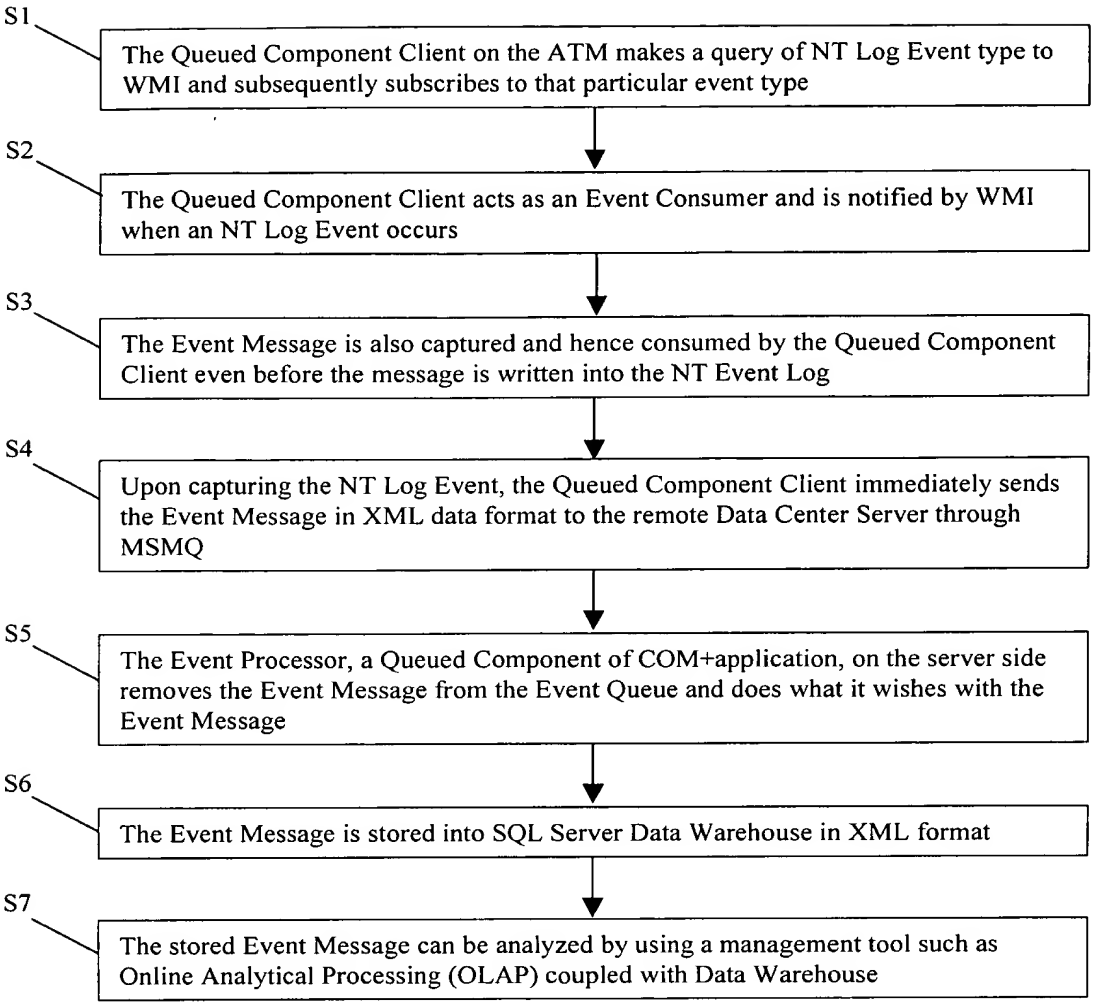

S1
The Queued Component Client on the ATM makes a query of NT Log Event type to WMI and subsequently subscribes to that particular event type
S2
The Queued Component Client acts as an Event Consumer and is notified by WMI when an NT Log Event occurs
S3
The Event Message is also captured and hence consumed by the Queued Component Client even before the message is written into the NT Event Log
S4
Upon capturing the NT Log Event, the Queued Component Client immediately sends the Event Message in XML data format to the remote Data Center Server through MSMQ
S5
The Event Processor, a Queued Component of COM+application, on the server side removes the Event Message from the Event Queue and does what it wishes with the Event Message
S6
The Event Message is stored into SQL Server Data Warehouse in XML format
S7
The stored Event Message can be analyzed by using a management tool such as Online Analytical Processing (OLAP) coupled with Data Warehouse

FIG. 4

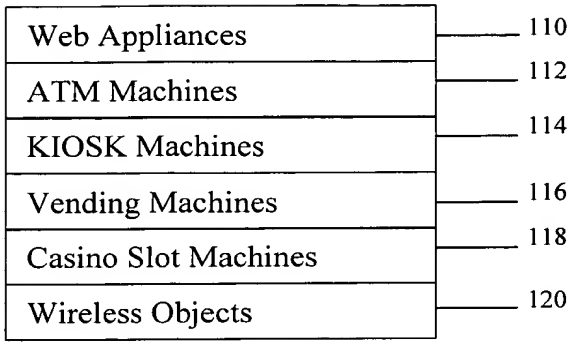


FIG. 5

TECHNOLOGY DIGEST

T00290" h7958860

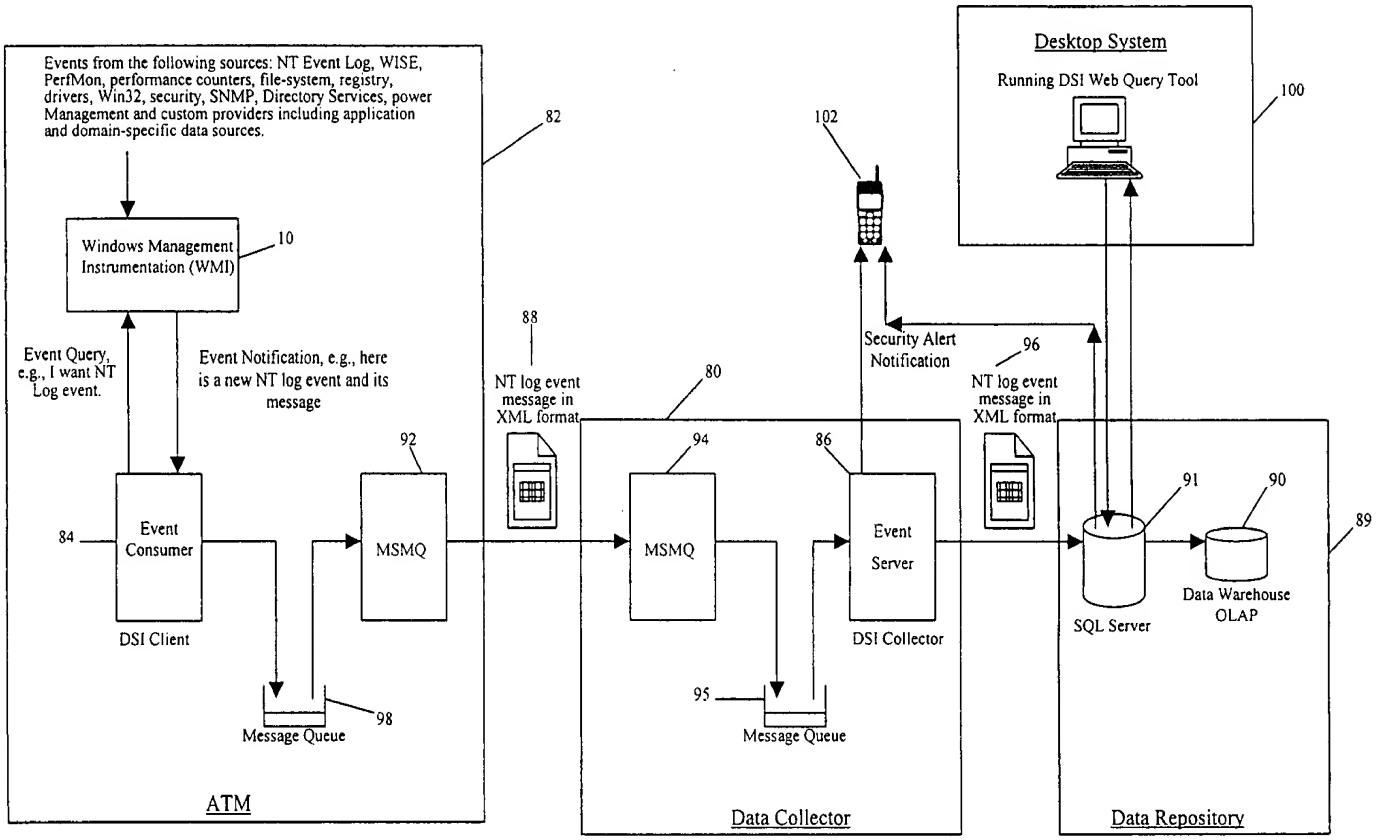


FIG. 6

T00290 h7958860

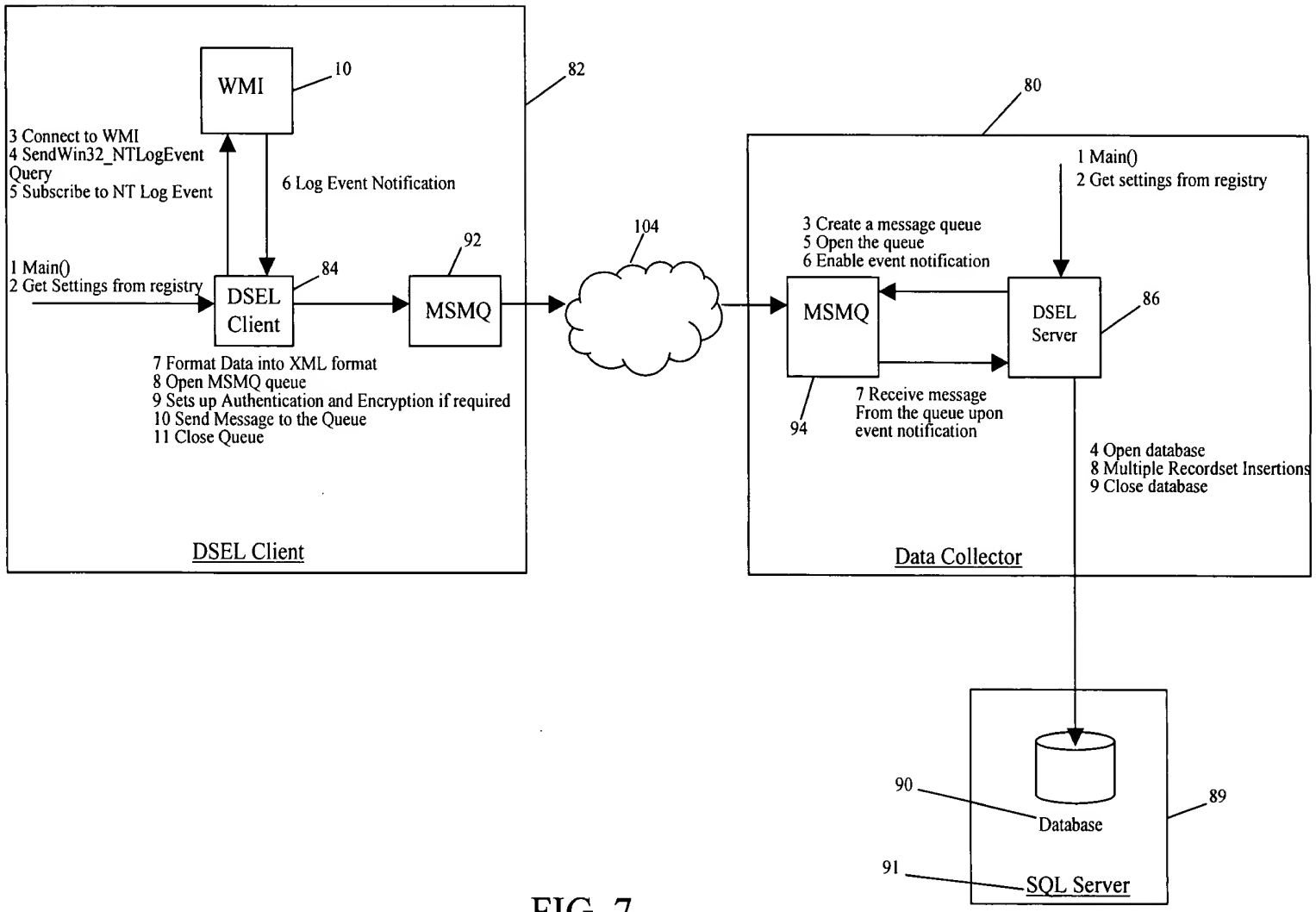


FIG. 7

T00290 "4295860

110

FIG. 8

DSI Query

Choose from one or more of the selection criteria on this page.
(Please note that test entries are case sensitive.)

Start Date/Time – Month: [ ] Day: [ ] Year: [2001] Sort Priority: [1] A ○ D ◉

Use Today's Date/Time? [ ] Hours: [0] Minutes: [00]

End Date/Time – Month: [ ] Day: [ ] Year: [2001]

Use Today's Date/Time? [ ] Hours: [0] Minutes: [00]

Display Date/Time? [☑]

[☑] Computer Name: [ ] Sort Priority: [ ] A ◉ D ○

Separate multiple computers with ','

[☑] User Name: [ ] Sort Priority: [ ] A ◉ D ○

Separate multiple computers with ','

[☑] Description Contains: [ ] Sort Priority: [ ] A ◉ D ○

Enter any portion of the description

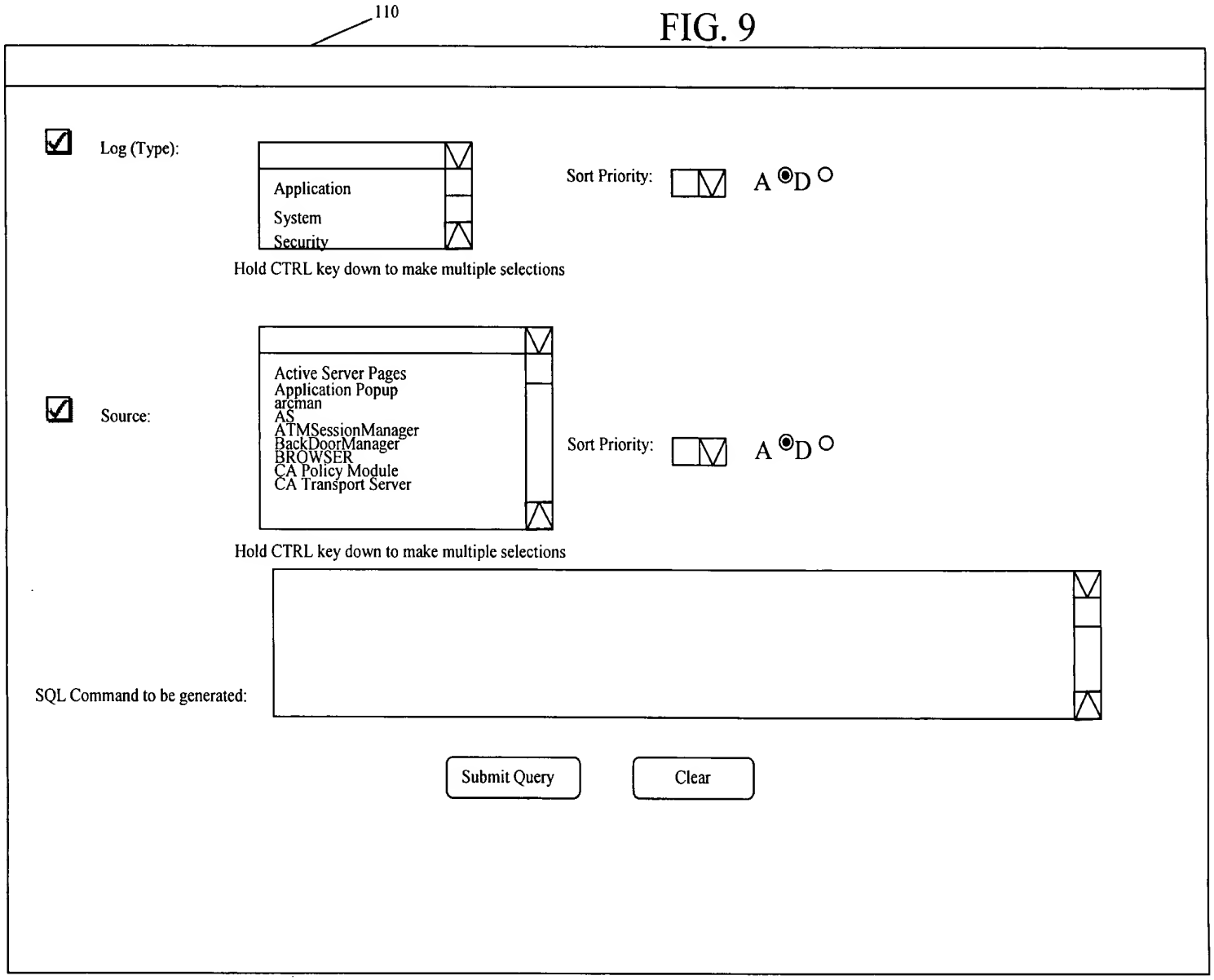
[☑] Severity (Type): [ ] Sort Priority: [ ] A ◉ D ○

- Information
- Warning
- Error

Hold CTRL key down to make multiple selections

T00290" #2958860

FIG. 9



T00290 "4795886D

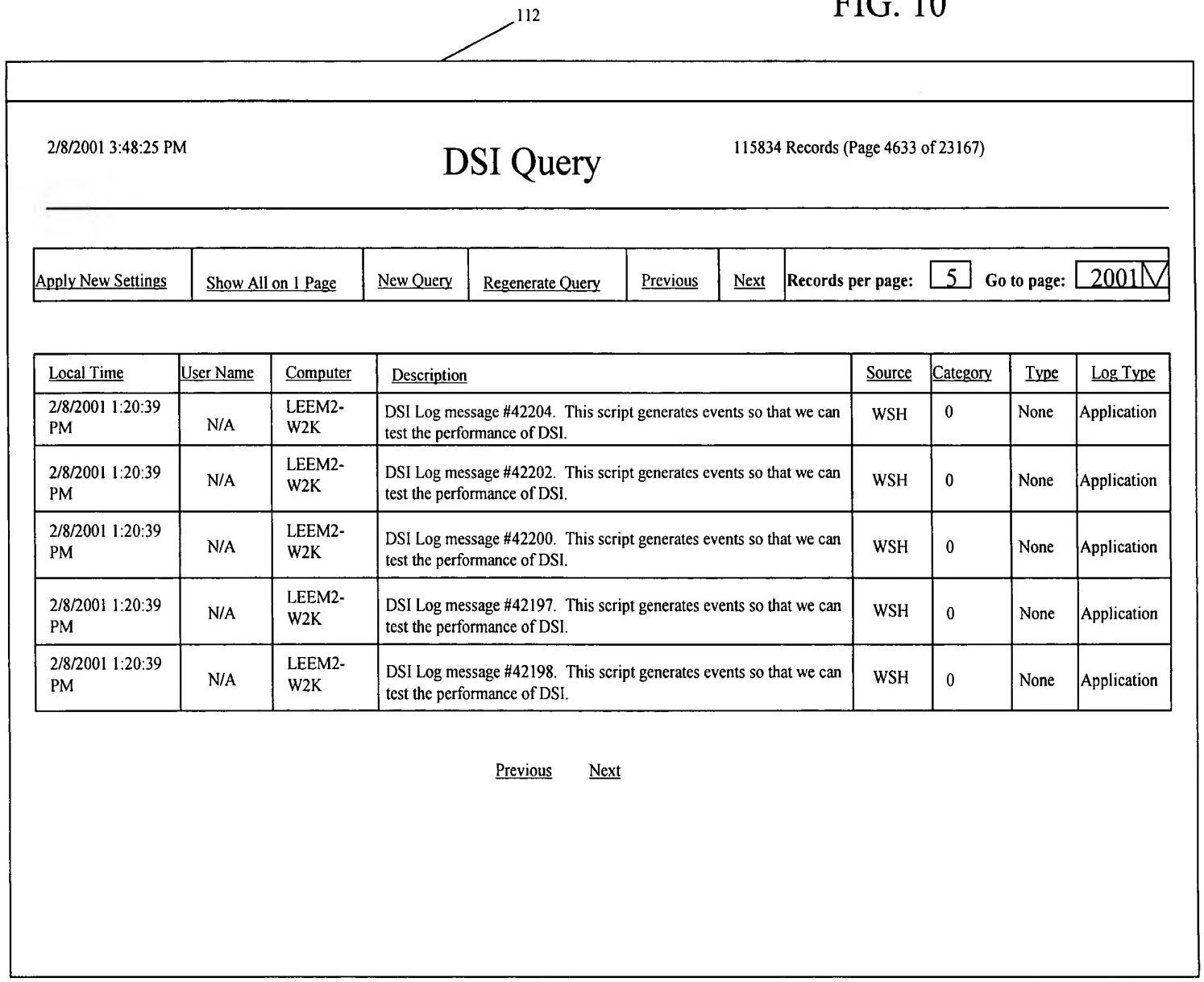



FIG. 10